

# ANNUAL REPORTS

OF THE

Medical Officer of Health

AND

Sanitary Inspector

TO THE

Cannock Urban District Council

For the Year 1904.



HEDNESFORD :

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1905.



MEDICAL OFFICER OF HEALTH'S

- ANNUAL REPORT -

For the Year 1904.

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To the Chairman and Members of the Cannock Urban District Council.

GENTLEMEN,

Herewith I beg to submit my ninth Annual Report on the health of the district.

The number of births registered for the year 1904 is 918, which includes 447 males and 471 females, and, calculated on a population of 24,000 to midsummer, 1904, gives a birth-rate per 1000 per annum of 38·2, as against 37 for 1903. Births

The natural increase of population is 531, as against 536 for 1903.

The total mean birth-rate for the past 10 years is 38·8.

The number of deaths registered for the year 1904 is 387, which, on a similar calculation, gives a death-rate per 1000 per annum of 16·1, as against 14·6 for 1903. Deaths

Fourteen of the deaths were non-residents, whilst twenty deaths of residents occurred beyond the district, so that the corrected death-rate is 16·3.

The proportionate mortality per 1000 per annum at all ages, and from all causes, in the three wards of the district, and calculated upon the approximately estimated population of each ward, from figures kindly supplied by Mr. Cole, Assistant Overseer and Collector, is as follows:

|                                    |     |      |
|------------------------------------|-----|------|
| Cannock Ward (excluding Workhouse) | ... | 13·6 |
| Hednesford Ward                    | ... | 14·3 |
| Chadsmoor Ward                     | ... | 14·6 |

The total mean death-rate from all causes for the past 10 years is 16·5; the mean death-rate from Zymotic disease during the same period being 2 per 1000.

#### Births and Deaths

The subjoined table shows the number of births and deaths with their respective rates for the 10 years 1895—1904, viz. :—

##### TOTAL BIRTHS FOR YEARS—

|                     | 1895 | 1896  | 1897  | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|---------------------|------|-------|-------|------|------|------|------|------|------|------|
|                     | 861  | 780   | 846   | 836  | 955  | 886  | 893  | 981  | 887  | 918  |
| Birth rate per 1000 | 41   | 35·45 | 38·45 | 38   | 43·4 | 38·5 | 37·2 | 40·8 | 37   | 38·2 |

##### TOTAL DEATHS FOR YEARS—

|                     | 1895 | 1896  | 1897  | 1898  | 1899  | 1900 | 1901 | 1902  | 1903 | 1904 |
|---------------------|------|-------|-------|-------|-------|------|------|-------|------|------|
|                     | 347  | 378   | 316   | 389   | 387   | 410  | 403  | 402   | 351  | 387  |
| Death rate per 1000 | 16·5 | 17·18 | 14·36 | 17·68 | 17·59 | 17·8 | 16·8 | 16·75 | 14·6 | 16·1 |

#### Deaths under one year

The total number of deaths under one year is 127, giving a death-rate per 1000 of 5·2, as against 4·6 in the preceding year. Included amongst the deaths were one from small-pox, six from whooping cough, one from influenza, seven from diarrhœa, ten from enteritis, four from tubercular disease, twenty-five from bronchitis and pneumonia, nineteen from premature birth, and two from accident.

The infantile mortality is 13·8 per cent., as against 12·5 per cent. for 1903. Although the infantile mortality of this district compares favourably with all other districts in the County, still there is room for improvement. Seventeen deaths out of a total of 127 point in the main to improper feeding. The Education Authority for the district might with advantage arrange for the teaching of "Infant Hygiene" amongst senior pupils in girls' schools, such teaching to include the feeding of hand-fed infants.

#### Deaths under five years

The total number of deaths is 159, which gives a ratio of 6·6 per 1000, as against 6·9 in the preceding year.

#### Deaths from Diseases

Deaths from the various diseases were as follows, viz. :—

##### Small-pox

Four deaths occurred, three in the Small-pox Hospital, and one in Broomhill before removal to Hospital.

##### Measles

None.

##### Scarlatina

One death occurred in the Hednesford Ward, as against five for the whole district in the preceding year.

Four deaths occurred, two in the Cannock Ward, one in the Hednesford Ward, and one in the Chadsmoor Ward; as against three deaths for the whole district in the preceding year.

Diphtheria and  
Membranous  
Croup

Twelve deaths occurred, seven in the Cannock Ward, three in the Hednesford Ward, and two in the Chadsmoor Ward; as against three for the whole district in the preceding year. This disease was prevalent during the first three months of the year, and it was deemed advisable to close the Church Infants' School in Cannock for a period of one month.

Whooping  
Cough

None.

Croup

None.

Typhoid Fever

Six deaths occurred, one in the Cannock Ward, four in the Hednesford Ward, and one in the Chadsmoor Ward; as against two deaths in the preceding year. This disease was very prevalent in the district during November and December—it was generally of a mild type.

Epidemic  
Influenza

Twelve deaths occurred in the Cannock Ward, six in the Hednesford Ward, and two in the Chadsmoor Ward—Total, 20—as against a total of 18 for the preceding year. Nineteen deaths occurred under five years.

Diarrhoea and  
Enteritis

Three deaths occurred, all in the Chadsmoor Ward, as against one death in the preceding year.

Puerperal Fever

Three deaths occurred, one in the Chadsmoor Ward, and two in the Workhouse, as against one death in the preceding year.

Erysipelas

Nine deaths occurred in the Cannock Ward, four in the Hednesford Ward, six in the Chadsmoor Ward, and two in the Workhouse—total, 21—indicating a death rate of .87 per 1000. These deaths include four miners, one teacher, one baker, one warehouseman, one clerk, and one labourer. With regard to the proposed erection of a Sanatorium for pulmonary tuberculosis in the administrative County, I do not think, as far as this district is concerned, there could be found a suitable site available for such a purpose. A suitable soil and elevated from the surrounding district could be found, but the site would be too exposed to the north and east winds.

Phthisis



## Other Tubercular Diseases

Three deaths occurred in the Cannock Ward, three in the Hednesford Ward, and three in the Chadsmoor Ward, total 9, at ages ranging from under 1 year to 15 years.

## Cancer

Three deaths occurred in the Cannock Ward, four in the Hednesford Ward, six in the Chadsmoor Ward, and two in the Workhouse, total 15, with a ratio of '6 per 1000, as against two deaths recorded in the preceding year.

## Bronchitis and Pneumonia

Twenty-one deaths occurred in the Cannock Ward, nineteen in the Hednesford Ward, twenty-one in the Chadsmoor Ward, and four in the Workhouse, total 65, with a ratio of 2·7 per 1000, and of which 38 were under 5 years, as against a similar total in the preceding year.

The proportionate death rate in each Ward, based on their approximately estimated populations is as follows :—

|                                    |     |     |
|------------------------------------|-----|-----|
| Cannock Ward (excluding Workhouse) | ... | 2·3 |
| Hednesford Ward                    | ... | 2·4 |
| Chadsmoor Ward                     | ... | 2·5 |

The following table shows the mortality from these diseases for the past 10 years, viz. :—

|         | 1895 | 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|---------|------|------|------|------|------|------|------|------|------|------|
| Under 5 | 45   | 62   | 22   | 43   | 45   | 46   | 45   | 35   | 36   | 38   |
| Over 5  | 39   | 27   | 44   | 46   | 52   | 37   | 35   | 44   | 29   | 27   |
|         | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    |
|         | 84   | 89   | 66   | 89   | 97   | 83   | 80   | 79   | 65   | 65   |

## Pleurisy

Three deaths occurred from pleurisy, two in the Hednesford Ward, and one in the Chadsmoor Ward, as against one death recorded for the preceding year.

## Other diseases of Respiratory Organs

Ten deaths occurred, five in the Cannock Ward, three in the Hednesford Ward, and two in the Chadsmoor Ward. Of these, seven were under 1 year old.

In the preceding year nine deaths were recorded, all under one year.

Alcoholism  
Cirrhosis of  
Liver

Two deaths occurred in the Cannock Ward, two in the Hednesford Ward, and four in the Chadsmoor Ward, total 8, as against six deaths recorded in the preceding year.

## Venereal disease

One death occurred in the Chadsmoor Ward.

## Premature Birth

Four deaths occurred in the Cannock Ward, seven in the Hednesford Ward, and eight in the Chadsmoor Ward, total 19, as against 18 deaths recorded in the preceding year.

Two deaths occurred, one in the Cannock Ward, and one in the Chadsmoor Ward. A similar number was recorded in the preceding year.

Diseases and  
Accidents of  
Parturition

Nine deaths occurred in the Cannock Ward, six in the Hednesford Ward, four in the Chadsmoor Ward, and four in the Workhouse, total 23, with a ratio of  $\cdot 95$  per 1000, as against 22 deaths recorded in the preceding year.

Heart disease

Thirteen deaths were recorded, giving a ratio of  $\cdot 5$  per 1000. No death occurred from colliery accidents.

Accidents

Two deaths occurred, one in the Cannock Ward, and one in the Hednesford Ward, as against one death recorded in the preceding year.

Suicides

The number of deaths recorded from Zymotic disease is 29, which gives a death rate of  $1\cdot 2$  per 1000, as against 33 deaths recorded in the preceding year, with a ratio of  $1\cdot 3$ .

Zymotic disease

The subjoined table indicates the number of deaths and death-rates for the past 10 years, viz.:

|                                    | 1895 | 1896 | 1897 | 1898 | 1899 | 1900 | 1901 | 1902 | 1903 | 1904 |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|
| Small-pox                          | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    |
| Measles                            | 1    | 25   | 0    | 31   | 0    | 29   | 3    | 17   | 12   | 0    |
| Scarlet Fever                      | 3    | 5    | 12   | 4    | 2    | 4    | 29   | 11   | 5    | 1    |
| Diphtheria<br>and Membranous Croup | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 2    | 3    | 4    |
| Whooping<br>Cough                  |      |      |      |      |      |      |      |      |      |      |
| Typhoid                            | 7    | 13   | 8    | 4    | 10   | 3    | 10   | 3    | 3    | 12   |
| Diarrhoea                          | 3    | 1    | 1    | 2    | 4    | 9    | 0    | 4    | 0    | 0    |
| Totals                             | 15   | 9    | 26   | 29   | 25   | 22   | 15   | 8    | 10   | 8    |
| Death Rate                         | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    |
|                                    | 29   | 53   | 47   | 70   | 41   | 67   | 63   | 45   | 33   | 29   |
|                                    | 1·38 | 2·4  | 2·1  | 3·1  | 1·8  | 2·9  | 2·6  | 1·8  | 1·3  | 1·2  |

CANNOCK WARD.—One death occurred from convulsions, and one from natural causes.

Uncertified  
Deaths

HEDNESFORD WARD.—Two deaths occurred from natural causes, one from prematurity, one from convulsions, and one from syncope.

CHADSMOOR WARD.—Seven deaths occurred from natural causes, one from prematurity, and one from convulsions.

WORKHOUSE.—One death occurred from natural causes.

The total number of deaths is 17, as against 11 for the preceding year.

Notification of  
Diseases' Act

The total number of cases notified under this act is 239, as against 183 in the preceding year.

Subjoined are the various details of disease notified, viz :

Small-pox

Twenty-six cases were notified, four in the Hednesford Ward, and twenty-one in the Chadsmoor Ward, and one a tramp, who was refused admittance to the Cannock Union Workhouse on June 27th, and removed at once to the Small-pox Hospital, where he died. The disease was first introduced into the district by this tramp, and the last case notified amongst the residents was on August 27th. In October the last patient was discharged from Hospital, which was thoroughly disinfected and cleansed throughout. Some of the cases were notified as modified, others as abortive Small-pox.

I need not dwell any further on this outbreak, as a special report thereon has been submitted to you and the Local Government Board, suffice it to state that the disease was prevented from spreading through following up and promptly re-vaccinating all possible "contacts," and that the outbreak would have been quelled earlier had certain "contacts" been amenable to re-vaccination when it was offered them. Posters urging the importance of this precaution were distributed throughout the district.

With regard to a fresh Hospital site, as recommended in my special report dealing with the outbreak, and the question as to suitability of access to the Cannock Urban and Rural Districts, I would suggest a site between Hawkes Green and Leacroft. I believe one could be found in that locality which would meet the Local Government Board's requirements, and yet be accessible to the Cannock Rural District, especially its mining centre.

scarlatina

The number of cases notified was 165 in 122 houses, as against 143 in 101 houses in the preceding year. The percentage of this disease is 69 upon the sum total of diseases notified. The cases were distributed as follows, viz. :—

CANNOCK WARD.—Eighteen cases in fourteen houses.

HEDNESFORD WARD.—Seventy-one cases in fifty-five houses.

CHADSMOOR WARD.—Seventy-six cases in fifty-three houses.



Here and there home isolation is effective, but in the vast majority of cases it is a dead letter, and so notifications keep coming in and will come in *ad infinitum* in this district until there is hospital isolation provided to check the disease. It has been of a very mild type, the case mortality being '6 per cent., and it is very probable that some mild cases have escaped medical observation, and thus help to spread infection. The first and fourth quarters of the year exhibited the chief percentage of cases notified.

Five cases of diphtheria were notified, two in the Hednesford Ward, and three in the Chadsmoor Ward, as against one in the preceding year.

Diphtheria

One case was complicated with phthisis, another with pneumonia, both fatal. This district is comparatively immune from this disease.

Three cases were notified, all in the Cannock Ward. A similar number was notified in the preceding year.

Membranous  
Croup

Five cases occurred in the Cannock Ward, eight in the Hednesford Ward, sixteen in the Chadsmoor Ward, and two in the Workhouse, total 31, as against 20 in the preceding year.

Erysipelas

Three cases were notified, one in the Cannock Ward, and two in the Hednesford Ward, as against four in the preceding year. In each instance defective house drainage was discovered.

Enteric Fever

Six cases were notified, as against twelve in the preceding year. Two were in the Hednesford Ward, and four in the Chadsmoor Ward.

Puerperal Fever

The reduction in the number of cases is gratifying, and I hope to see a further reduction through the operation of the Midwives' Act, which aims at instruction amongst midwives of the elementary routine of midwifery, which must be necessarily clean and antiseptic.

In the fortnightly returns during the past year were the following, viz. :—

Pauper S'kness

CANNOCK WARD.—One case of erysipelas, two cases of tubercular disease, three of diarrhœa, one case of scarlatina, and one of croup.

HEDNESFORD WARD.—One case of influenza.

CHADSMOOR WARD.—Five cases of tubercular disease, two of cancer, three of diarrhoea, one case of scarlatina, and one of erysipelas.

WORKHOUSE.—Four cases of tubercular disease, two of erysipelas, two of diarrhoea, three of cancer, one of influenza, one of alcoholism, and one of lead poisoning.

**Influenza** This disease was very prevalent in the district during November and December. Six deaths were attributed to it, but the great majority of cases assumed a mild form.

**Water Supply** I have analysed some well waters but they proved to be potable. The district is well supplied by the South Staffordshire Waterwork Company's excellent water. 1500 yards of main were laid, and 100 houses connected during the past year.

**Scavenging** I wish to point out that this work should, as far as possible, be carried out in the early hours of the day; the emptying of privy middens at noon-day constitutes an offensive nuisance to the public.

**Sewerage and Sewage Farm** As a full description was given in my last Annual Report on the sewerage of the district, I need only refer to the working results of the Sewage Farm. These are satisfactory. Samples of the effluents have been regularly taken and analysed, and the standard has been uniformly satisfactory.

**Primary Vaccination and Re-vaccination.** The Vaccination Officer, Mr. Spooner, kindly informs me that there was not a single defaulter as regards Primary Vaccination from July 1st, 1903, to June 30th, 1904, all cases having been accounted for. He moreover states that during the small-pox outbreak large numbers of adults were vaccinated and re-vaccinated.

**No. of Houses in district.** Mr. Cole, Assistant Overseer and Collector, kindly informs me that the respective number for each ward is as follows, viz.:—

|                 |     |     |     |      |
|-----------------|-----|-----|-----|------|
| Cannock Ward    | ... | ... | ... | 1673 |
| Hednesford Ward | ... | ..  | ... | 1566 |
| Chadsmoor Ward  | ... | ... | ... | 1636 |
| Total           |     |     |     | 4875 |

I have, along with the Sanitary Inspector, made inspections of the workshops and bakehouses of the district. The sanitation generally is good. In one instance, a drain gully was found in a bakehouse, but this has been removed. Limewashing was required in some instances, but this was carried out without notice being served.

Factory and  
Workshop Act.

I append the Sanitary Inspector's Report for the past year, also the tables required by the Local Government Board and the County Council, and beg to remain, gentlemen,

Conclusion

Your obedient servant,

J. NORTHEY PHILLIPS.

The Poplars, Hednesford,  
February 11th, 1905.



# Sanitary Inspector's Report

For Year ending December 31st, 1904.

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To the Chairman and Members of the Sanitary Committee.

GENTLEMEN

I beg to submit my second Annual Report as Sanitary Inspector to the Urban District Council of Cannoek.

**General Sanitary Work**

During the year ending Dec. 31st, 1904, 4,717 ashpits have been reported emptied; 4,000 of these were inspected before and after emptying.

**Notices served**

72 preliminary notices have been served upon the owners or occupiers of property to remedy sanitary defects discovered in the course of my inspections.

The premises referred to in the notices were subsequently re-visited by myself; 860 reinspections having been made, 31 letters were sent to owners urging compliance with notices; 97 statutory notices being subsequently served by your orders. The execution of the necessary works required by these notices have been much facilitated by the numerous interviews I have had with owners, agents, or builders, either at the properties concerned or at the offices, most owners manifesting a desire to comply with our moderate requirements.

**Drainage Work**

268 houses and outbuildings have been connected to the main sewer, 2,918 yards of new glazed stoneware pipes have been laid, also 247 new glazed stoneware gullies have been fixed; 15 choked drains have been opened and cleansed, many of them being relaid, representing 90 houses.



I have still to report that a considerable part of my time has been devoted to nuisances arising from foul privy-middens, especially relating to percolation from same, and their nearness to dwelling houses. In 19 instances owners have cemented or rebuilt, whilst in 24 cases new privies and ashpits have been built.

Privy and Ash-  
Pit Nuisances

Three houses were found to be without any water supply. Water from the South Staffordshire Water Works has been laid on.

Water Supply

There are 33 Registered and Licensed Slaughter Houses in the Cannock district. I have still devoted a good portion of my time to the work of supervising "meat" and other foods. The number of visits paid to slaughter houses being 845, in addition to 400 visits to butchers' shops, also 60 visits to markets.

Slaughter  
Houses

The approximate amount of meat coming under my observation is as follows: 1516 sides of beef, 960 carcasses of mutton and lamb, 209 carcasses of veal, and 1487 slaughtered pigs.

The amount of diseased or unsound meat which has been either seized or surrendered being one ton, one quarter, and nine pounds of beef, 80 pounds of pickled meat, 196 pounds of pork. These were all satisfactorily disposed of.

One application has been received for a licence for an old slaughter house, which was granted on condition that certain alterations were carried out. These alterations were carried out to my satisfaction and a licence was granted.

Two applications were made for the transfer of off licenses, which were granted under the P.H.A.A.A., 1890, for one year.

Sixty-four visits have been made to the knackeryard. The premises have been kept as clean as is possible, taking into consideration the nature of the trade carried on therein.

Knackeryard

There are two Common Lodging Houses; these have been systematically inspected, special attention being paid during the outbreak of small-pox. 80 inspections have been made during the year. The houses have been kept

Common  
Lodging Houses

clean, no occasion has arisen for the institution of proceedings through the contravention of the Bye-laws, and no case of infectious disease having been reported.

#### Workshops and Bakehouses

There are 35 workshops and 21 bakehouses in the district, 97 inspections have been made during the year. One bakehouse was found to have a drain gully inside. This has been taken out and the cavity made good with brickwork. The nuisances generally found were the need of limewashing, which has been done by drawing the tenants attention to the matter.

#### Small-pox

I have to report that small-pox was introduced into the district by a tramp on June 27th, 1904; this case proved fatal on July 2nd. Following this we had 20 other cases, the last case being notified on August 27th. Two other cases proved fatal, the remaining 18 cases being discharged from the hospital when convalescent; the last case being discharged on October 13th. Fortunately small-pox was confined to the Chadsmoor and Hednesford Wards. The work of disinfection has been very heavy, everything being done to stamp out the disease. 88 houses have been disinfected, 30 of these being small-pox cases; 30 lots of bedding, etc., were disinfected, representing 879 articles. Disinfectants were given away at the Council Yard to about 300 persons who desired them.

The hospital was clear of small-pox on Oct. 13th. All rooms were disinfected, beds, bedding, and everything likely to retain infection were taken to the disinfecting house and disinfected by steam and hot air. The hospital walls and ceilings were scraped and washed with disinfectants and water, after which they were limewashed. The Hospital was subsequently cleaned throughout.

TABLE I.

|   |      |
|---|------|
| No of visits to ashpits and reported for emptying | 4717 |
| „ „ „ „ reinspected after „                       | 4000 |
| „ „ Slaughter Houses ... ..                       | 845  |
| „ „ Knaekeryards ... ..                           | 64   |
| „ „ Butchers' Shops ... ..                        | 518  |
| „ „ Markets ... ..                                | 60   |
| „ „ Workshops ... ..                              | 45   |
| „ „ Bakehouses ... ..                             | 50   |

|   |     |     |     |       |
|---|-----|-----|-----|-------|
| No of visits to Cowsheds                                | ... | ... | ... | 73    |
| „ „ Daries and Milkshops...                             | ... | ... | ... | 30    |
| „ „ Common Lodging Houses                               | ... | ... | ... | 80    |
| „ „ Premises respecting notices and<br>work in progress | ... | ... | ... | 860   |
| Total   |     |     |     | 11343 |

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| No of Preliminary notices served       | ... | ... | ... | 72  |
| „ Statutory „ „                        | ... | ... | ... | 97  |
| Legal Proceedings                      | ... | ... | ... | ... |
| Letters written to owners re nuisances | ... | ... | ... | 30  |
| Rooms disinfected                      | ... | ... | ... | 86  |
| Schools disinfected                    | ... | ... | ... | 1   |
| Samples of water taken for analysis    | ... | ... | ... | ... |
| Samples of water condemned             | ... | ... | ... | ... |
| Total                                  |     |     |     | 276 |

TABLE II.

|  |        | Notices<br>served. | Houses in<br>connection<br>with<br>notices. |
|--|--------|--------------------|---|
| Insufficient or defective drainage       | ...    | 79                 | 268   |
| Choked drains                            | ... .. | 15                 | 90  |
| Foul, wet, and dilapidated privy middens | ...    | 19                 | 106   |
| Defective W.C. connections               | ... .. | 1                  | 2   |
| Water Closets without water supply       | ...    | 1                  | 4   |
| Overcrowded houses                       | ... .. | 2                  | 2   |
| Offensive accumulations                  | ... .. | 10                 | 10  |
| Dirty Cowsheds                           | ... .. | 4                  | 20  |
| Insanitary Slaughter Houses              | ... .. | 2                  | 2   |
| Totals                                   |        | 76                 | 504   |

TABLE III.

Sanitary improvements carried out in the district in pursuance of inspections made and notices served :—

|  |     |     |     |     |
|--|-----|-----|-----|-----|
| Absence of, or insufficient drainage of premises,<br>the same have been properly drained and<br>connected to sewer | ... | ... | ... | 268 |
| Defective drains relaid or repaired  | ... | ... | ... | 60  |
| Choked drains opened and cleansed  | ... | ... | ... | 15  |
| Dilapidated privies and ashpits repaired   | ... | ... | ... | 19  |
| Privies and ashpits rebuilt or new ones provided   | ... | ... | ... | 24  |
| Choked W.C.'s opened and cleansed  | ... | ... | ... | 2   |
| Houses without a proper supply of drinking water   | ... | ... | ... | 3   |
| Dirty bakehouses cleansed  | ... | ... | ... | 21  |
| Cowsheds Limewashed  | ... | ... | ... | 20  |
| Slaughter house floor taken up and relaid  | ... | ... | ... | 2   |
| Overcrowded houses numbers reduced   | ... | ... | ... | 2   |
| Slaughter houses limewashed  | ... | ... | ... | 16  |
| Workshops limewashed   | ... | ... | ... | 15  |
| Total  |     |     |     | 467 |

Yours obediently,

JOHN TURTON.





# CAUSES OF, AND AGES AT DEATH DURING YEAR 1904.

| CAUSES OF DEATH.                     | Deaths in whole District at subjoined ages. |          |                |                 |                  |                  |                | Deaths in Localities (at all Ages.) |                  |                 |    | Deaths in Public Institutions |
|--------------------------------------|---|----------|----------------|-----------------|------------------|------------------|----------------|-------------------------------------|------------------|-----------------|----|-------------------------------|
|                                      | All Ages.                                   | Under 1. | 1 and under 5. | 5 and under 15. | 15 and under 25. | 25 and under 65. | 65 and upwards | Cannock Ward.                       | Hednesford Ward. | Chadsmoor Ward. |    |                               |
| Small-pox                            | 4   | 1        |                |                 |                  | 3                |                | 1                                   |                  | 3               | 4  |                               |
| Measles                              | 0   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Scarlet fever                        | 1   |          | 1              |                 |                  |                  |                |                                     | 1                |                 |    |                               |
| Whooping-cough                       | 12  | 6        | 6              |                 |                  |                  |                | 7                                   | 3                | 2               |    |                               |
| Diphtheria and Membranous croup      | 4   |          | 2              | 1               | 1                |                  |                | 2                                   | 1                | 1               |    |                               |
| Croup                                |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Fever { Typhus                       |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| { Enteric                            |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| { Other cont'd.                      |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Epidemic Influenza                   | 6   | 1        |                |                 |                  | 4                | 1              | 1                                   | 4                | 1               |    |                               |
| Cholera                              |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Plague                               |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Diarrhœa                             | 7   | 6        | 1              |                 |                  |                  |                | 3                                   | 3                | 1               |    |                               |
| Enteritis                            | 12  | 10       | 1              |                 |                  | 1                |                | 8                                   | 3                | 1               |    |                               |
| Puerperal fever                      | 3   |          |                |                 | 2                | 1                |                |                                     |                  | 3               |    |                               |
| Erysipelas                           | 3   |          |                |                 |                  | 1                | 2              | 2                                   |                  | 1               | 2  |                               |
| Other septic diseases                | 1   |          |                |                 |                  | 1                |                | 1                                   |                  |                 |    |                               |
| Phthisis                             | 20  |          | 1              |                 | 9                | 10               |                | 10                                  | 4                | 6               | 2  |                               |
| Other tubercular diseases            | 10  | 4        | 2              | 3               | 1                |                  |                | 4                                   | 3                | 3               |    |                               |
| Cancer, malignant diseases           | 18  |          |                |                 | 1                | 17               |                | 8                                   | 4                | 6               | 2  |                               |
| Bronchitis                           | 28  | 10       | 2              |                 |                  | 4                | 12             | 11                                  | 9                | 8               | 4  |                               |
| Pneumonia                            | 36  | 15       | 11             | 1               |                  | 6                | 3              | 13                                  | 10               | 3               |    |                               |
| Pleurisy                             | 3   |          |                |                 |                  | 3                |                |                                     | 2                | 1               |    |                               |
| Other diseases of Respiratory organs | 10  | 7        |                | 1               |                  | 1                | 1              | 5                                   | 3                | 2               |    |                               |
| Alcoholism                           |   |          |                |                 |                  |                  |                |                                     |                  |                 |    |                               |
| Cirrhosis of Liver                   | 8   |          |                |                 |                  | 8                |                | 2                                   | 2                | 4               |    |                               |
| Venereal Diseases                    | 1   |          |                |                 |                  | 1                |                |                                     |                  | 1               |    |                               |
| Premature Birth                      | 19  | 19       |                |                 |                  |                  |                | 4                                   | 7                | 8               |    |                               |
| Diseases & Accidents of parturition  | 2   |          |                |                 | 1                | 1                |                | 1                                   |                  | 1               |    |                               |
| Heart Diseases                       | 23  |          |                |                 |                  | 19               | 4              | 13                                  | 6                | 4               | 4  |                               |
| Accidents                            | 13  | 2        | 3              | 2               | 1                | 3                | 2              | 3                                   | 7                | 3               | 2  |                               |
| Suicides                             | 2   |          |                |                 |                  | 2                |                | 1                                   | 1                |                 |    |                               |
| All other causes                     | 147   | 45       | 3              | 4               | 4                | 37               | 54             | 61                                  | 39               | 47              | 26 |                               |
| All causes                           | 393   | 126      | 33             | 12              | 20               | 123              | 79             | 161                                 | 112              | 120             | 46 |                               |

| NOTIFIABLE DISEASES. | CASES NOTIFIED IN WHOLE DISTRICT. |          |         |         |           |           | TOTAL CASES NOTIFIED IN EACH LOCALITY. |                  |                 |                    | NO OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY. |                  |                 |  |
|----------------------|-----------------------------------|----------|---------|---------|-----------|-----------|--|------------------|-----------------|--------------------|---|------------------|-----------------|--|
|                      | At Ages—Years.                    |          |         |         |           |           | Cannock Ward.                          | Hednesford Ward. | Chadsmoor Ward. | Smallpox Hospital. | Cannock Ward.                                       | Hednesford Ward. | Chadsmoor Ward. |  |
|                      | At all Ages.                      | Under 1. | 1 to 5. | 5 to 15 | 15 to 25. | 25 to 65. |  |                  |                 |                    |   |                  |                 |  |
| Small-pox            | 26                                | 1        |         | 2       | 6         | 17        | 1                                      | 4                | 21              |                    | 1   | 4                | 15              |  |
| Cholera              | ...                               |          |         |         |           |           |  |                  |                 |                    |   |                  |                 |  |
| Diphtheria           | 5                                 |          | 1       | 1       | 2         | 1         | 3                                      | 2                | 3               |                    |   |                  |                 |  |
| Membranous croup     | 3                                 |          | 2       | 1       |           |           |  |                  |                 |                    |   |                  |                 |  |
| Erysipelas           | 31                                | 3        | 2       | 1       | 6         | 15        | 5                                      | 8                | 16              | 2                  |   |                  |                 |  |
| Scarlet fever        | 165                               | 7        | 63      | 78      | 6         | 11        | 18                                     | 71               | 76              |                    |   |                  |                 |  |
| Typhus fever         | ...                               |          |         |         |           |           |  |                  |                 |                    |   |                  |                 |  |
| Enteric fever        | 3                                 |          |         |         | 1         | 2         | 1                                      | 2                |                 |                    |   |                  |                 |  |
| Relapsing fever      | ...                               |          |         |         |           |           |  |                  |                 |                    |   |                  |                 |  |
| Continued fever      | ...                               |          |         |         |           |           |  |                  |                 |                    |   |                  |                 |  |
| Puerperal fever      | 6                                 |          |         |         | 1         | 5         |  | 2                | 4               |                    |   |                  |                 |  |
| Plague               | ...                               |          |         |         |           |           | W                                      |                  | H               |                    |   |                  |                 |  |
| Totals               | 239                               | 11       | 68      | 83      | 22        | 51        | 28                                     | 89               | 120             | 2                  | 1   | 4                | 15              | No Isolation Hospital except for Small-pox, which is situated in the Chadsmoor Ward. |

# Cannock Urban District Council.

## FOR WHOLE DISTRICT.

| Year.                        | Population estimated to Middle of each Year. | BIRTHS. |       | DEATHS UNDER 1 YEAR. |                     | DEATHS AT ALL AGES. TOTAL. |       | Deaths in Public Institutions. | Deaths of Non-residents registered in Public Institutions in the District. | Deaths of Residents registered in Public Institutions beyond the District. | Nett Deaths at all ages belonging to Dt. |       |
|------------------------------|--|---------|-------|----------------------|---------------------|----------------------------|-------|--------------------------------|--|--|--|-------|
|                              |  | Number. | Rate. | Number.              | Rate per 1000 b'ths | Number.                    | Rate. |                                |  |  | Number.                                  | Rate. |
| 1                            | 2  | 3       | 4     | 5                    | 6                   | 7                          | 8     | 9                              | 10   | 11   | 12                                       | 13    |
| 1894                         | 21000  | 840     | 40    | 131                  | 155                 | 331                        | 15.76 | 32                             |  |  |  |       |
| 1895                         | 21000  | 861     | 41    | 124                  | 144                 | 347                        | 16.5  | 46                             |  |  |  |       |
| 1896                         | 22000  | 780     | 35.45 | 128                  | 164                 | 378                        | 17.18 | 44                             |  |  |  |       |
| 1897                         | 22000  | 846     | 38.45 | 95                   | 112                 | 316                        | 14.36 | 43                             |  |  |  |       |
| 1898                         | 22000  | 836     | 38    | 148                  | 177                 | 389                        | 17.68 | 41                             |  |  |  |       |
| 1899                         | 22000  | 955     | 43.4  | 138                  | 143                 | 387                        | 17.59 | 33                             |  |  |  |       |
| 1890                         | 23000  | 886     | 38.5  | 129                  | 145                 | 410                        | 17.8  | 53                             |  |  |  |       |
| 1891                         | 24000  | 893     | 37.2  | 143                  | 160                 | 403                        | 16.8  | 39                             | 14   | 6  | 395                                      | 16.4  |
| 1902                         | 24000  | 981     | 40.8  | 130                  | 132                 | 402                        | 16.75 | 44                             | 16   | 16   | 402                                      | 16.75 |
| 1903                         | 24000  | 887     | 37    | 111                  | 125                 | 351                        | 14.6  | 36                             | 14   | 14   | 351                                      | 14.6  |
| Averages for years 1894-1903 |  |         |       |                      |                     |                            |       |                                |  |  |  |       |
|                              | 22500  | 876     | 38.8  | 127                  | 145                 | 371                        | 16.2  | 41                             |  |  |  |       |
| 1904                         | 24000  | 918     | 38.2  | 127                  | 138                 | 387                        | 16.1  | 46                             | 14   | 20   | 393                                      | 16.3  |

Area of District in acres (exclusive of area covered by water), 8,009; Total population at all ages, 23,994; Number of inhabited houses, 4,592; Average number of persons per house, 5. At census of 1901.

| I.  | II.  | III.   |
|---|--|--|
| Institutions within the District receiving sick and infirm persons from outside the District. | Institutions outside the District receiving sick and infirm persons from the District. | Other Institutions, the deaths which have been distributed among the localities of the District. |
| Cannock Union Workhouse.  | Wolverhampton Infirmary.<br>Burntwood Asylum<br>Walsall Cottage Hospital.              | Hednesford Accident Home.<br><br>Cannock Union Workhouse.  |

J. NORTHEY PHILLIPS,

MEDICAL OFFICER OF HEALTH

February 11th, 1905.

